Ideation Phase
Define the Problem Statements

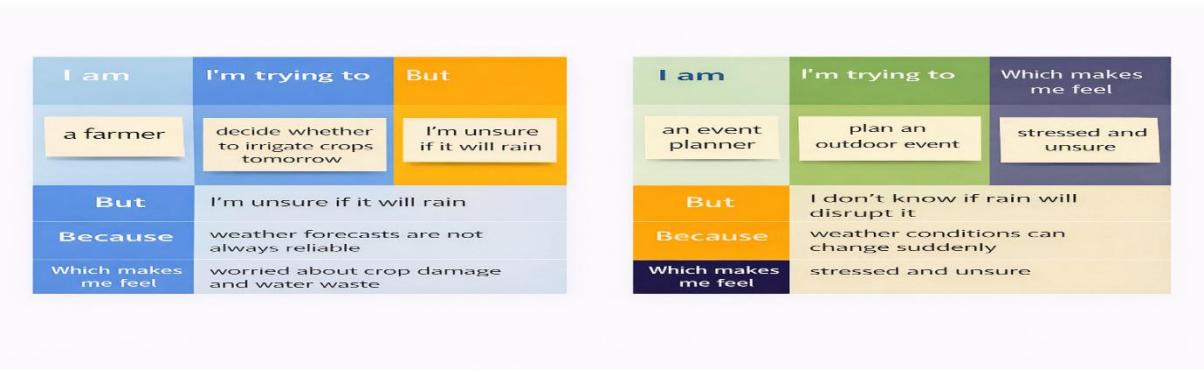
Date	31 January 2026
Team ID	LTVIP2026TMIDS87433
Project Name	Rain Prediction Pipeline Flask
Maximum Marks	2 Marks

Customer Problem Statement:

This section helps us understand the user's point of view and the real challenges they face related to rainfall prediction. By identifying their needs and difficulties, we aim to design a solution that is practical and easy to use.

A clear problem statement helps our team build a system that predicts rainfall accurately and supports users such as farmers, travelers, and event planners in making better decisions. It also allows us to empathize with users and understand how they experience weather uncertainty in daily life.

Example:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Farmer	predict whether it will rain so I can plan my activities	I don't have an easy-to-use and accurate predictio n tool	weather apps are often generic and not data-driven for my local inputs	uncertain and stressed about making wrong decisions
PS-2	Beginner data analyst	understand rainfall trends and predictions	I struggle to connect machine learning results with a simple interface	most ML projects don't provide real-time web visualization	confused and disconnected from the model outputs